



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



CONFIRMATION NO. 3573

Bib Data Sheet

| | | | | |
|-----------------------------|-----------------------------------|--------------|------------------------|--|
| SERIAL NUMBER 09/917,842 | FILING DATE 07/27/2001 RULE | CLASS 700 | GROUP ART UNIT 2125 | ATTORNEY DOCKET NO. 5017/ISM/CORE MCVD/SB |
|-----------------------------|-----------------------------------|--------------|------------------------|--|

APPLICANTS

Barry L. Chin, Saratoga, CA;

Alfred W. Mak, Union City, CA;

Lawrence Chung-Lai Lei, Milpitas, CA; Ming Xi, Palo Alto, CA;

Hua Chung, San Jose, CA;

Ken Kaung Lai, Milpitas, CA;

Jeong Soo Byun, Cupertino, CA;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 09/03/2001

| | | | | | |
|---------------------------------|--|---------------------------|------------------------|-----------------------------|---------------------------------|
| Foreign Priority claimed | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | STATE OR COUNTRY CA | SHEETS DRAWING 4 | TOTAL CLAIMS 50 11 | INDEPENDENT CLAIMS 2 3 |
| 35 USC 119 (a-d) conditions met | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature Initials | | | | |

ADDRESS

32588
 APPLIED MATERIALS, INC.
 2881 SCOTT BLVD. M/S 2061
 SANTA CLARA, CA
 95050

TITLE

Atomic layer deposition apparatus

| |
|---|
| <input type="checkbox"/> All Fees |
| <input type="checkbox"/> 1.16 Fees (Filing) |
| <input type="checkbox"/> 1.17 Fees (Processing Ext. of |

FILING FEE FEES: Authority has been given in Paper